

Instructions

Video Input Board WV-PB5508

Panasonic®

Before attempting to connect or operate this product, please read these instructions completely.

Caution

When handling this board, hold only by circuit board edges. Otherwise components on the board may be damaged by static electricity.

PREFACE

The Video Input Board WV-PB5508 is provided for expanding the video input capability of the Matrix Switcher WJ-SX550.

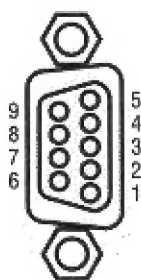
APPEARANCE

1. Video Output Connector (VIDEO OUT 1, 2)

The video signal connected to the Camera Input Connector (CAMERA IN) is looped through to this connector with 75 ohms termination.

The camera control signal multiplexed on the video signal has been eliminated at this connector. When the Power Switch of the Matrix Switcher is turned off no signal is obtained at this connector.

BNC female connectors are available by use of optional loop through cable WV-CA64.

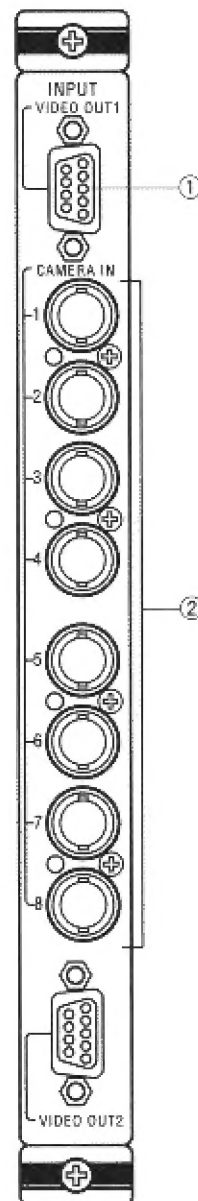


Pin No.	VIDEO OUT 1	VIDEO OUT 2
1	Not used	Not used
2	CH1	CH5
3	GND (CH1)	GND (CH5)
4	CH2	CH6
5	GND (CH2)	GND (CH6)
6	CH3	CH7
7	GND (CH3)	GND (CH7)
8	CH4	CH8
9	GND (CH4)	GND (CH8)

2. Camera Input Connector (CAMERA IN, 1 - 8)

This connector accepts either a color or B/W composite video signal from the camera.

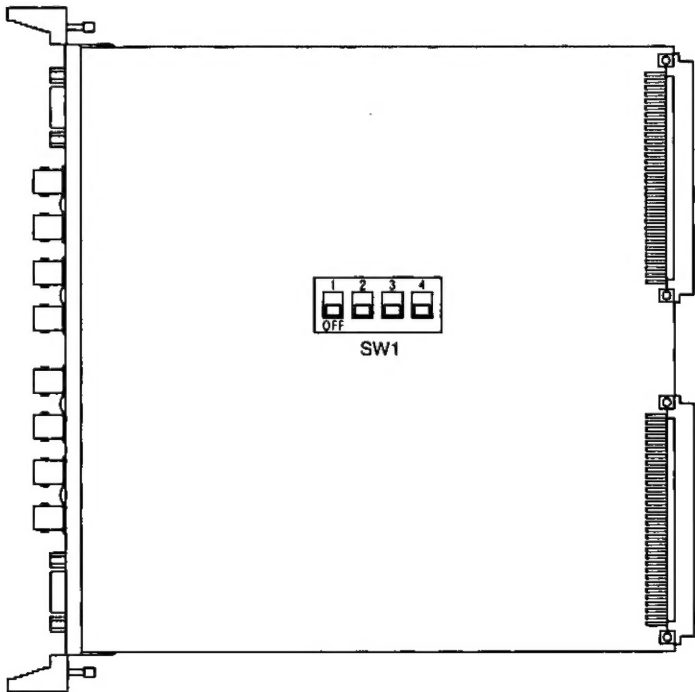
Also VD2, to synchronize cameras in vertical timing, and data, to control camera site devices such as receivers, intelligent cameras, and combination cameras, are multiplexed through this connector.



BOARD SETTING

Before installing this board, the following settings should be made by qualified service personnel or system installers.

Set switches (SW1) on the board to meet the camera input number as shown in the following table.
Initially, camera input 1-8 is selected at the factory.



BOARD NO.	CAMERA IN NO.	SW1 SETTING												
1	1-8	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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2	9-16	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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3	17-24	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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4	25-32	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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5	33-40	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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6	41-48	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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7	49-56	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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8	57-64	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>OFF</td><td></td><td></td><td></td></tr></table>	1	2	3	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OFF			
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INSTALLATION

Caution

Before installing this board be sure to turn off the Power Switch of the Matrix Switcher WJ-SX550.

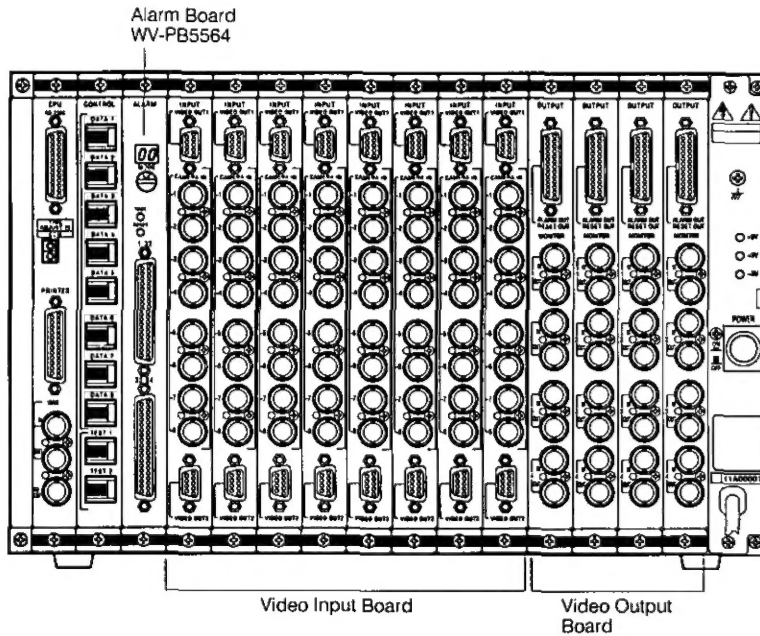
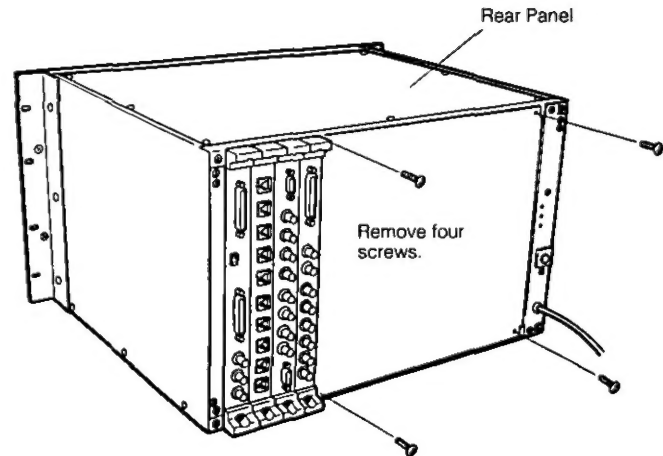
The following installation should be made by qualified service personnel or system installers.

1. Remove four screws on the rear panel of the Matrix Switcher.
2. Place the Video Input Board into the desired position in the rear of Matrix Switcher by sliding it inside the board guides.

Note

Each slot is identical, so the board can be installed in any slot.

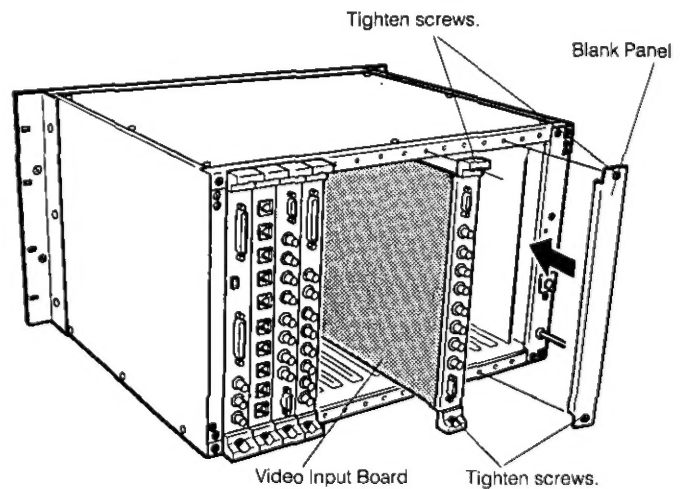
However it is recommended to install the board as shown below for an orderly installation.



3. Make sure to push in the Video Input Board until it is seated firmly.
4. Secure the Video Input Board by tightening the two screws on the board.
5. Close off open spaces on the rear of the Matrix Switcher by using Blank Panels WV-Q63 (Optional). (Refer to the instructions for WV-Q63)

Note

Refer to the Operating Instructions of WJ-SX550 for more details.



SPECIFICATIONS

Camera Input (1 - 8):	1.0 Vp-p/75 ohms composite video signal 0.5Vp-p/75 ohms data signal and 2.5 Vp-p/75 ohms vertical timing pulse multiplexed
Video Output (1 - 2):	1.0 Vp-p/75 ohms composite video signal
Dimensions:	15/16"(W) x 10-7/16"(H) x 10-1/4"(D) 24.5(W) x 265(H) x 260(D) mm
Weight:	1.0 lbs. (450g)

Weight and dimensions indicated are approximate.
specifications are subject to change without notice.

Panasonic

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